

INTERNATIONAL SEARCH REPORT

Internat.	Application No
PCT/GB2005/000899	

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B63C9/00 B65D25/42 F16K15/20 F16L41/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B63C B65D F16K F16L A47C B60C A63B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)
--

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 601 291 A (GAVIN ET AL) 11 February 1997 (1997-02-11) column 4, lines 39-55 column 5, line 54 – column 6, line 19 figures 2-6 ----- US 5 655 564 A (GAVIN ET AL) 12 August 1997 (1997-08-12) abstract figures 7-11 -----	1-25
X	US 2003/056823 A1 (WASS LLOYD G ET AL) 27 March 2003 (2003-03-27) column 1, paragraph 1-6 paragraph '0047! figures -----	1-7
A	----- -/-	1-25

<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C.
--

<input checked="" type="checkbox"/> Patent family members are listed in annex.
--

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the International filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the International filing date but later than the priority date claimed

T later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed Invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed Invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the International search	Date of mailing of the International search report
---	--

10 June 2005	24/06/2005
--------------	------------

Name and mailing address of the ISA	Authorized officer
-------------------------------------	--------------------

European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel: (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Durrenberger, X
---	-----------------

INTERNATIONAL SEARCH REPORT

Internal Application No
PCT/GB2005/000899

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2 701 579 A (HASSELQUIST VICTOR H) 8 February 1955 (1955-02-08) the whole document -----	1-25
A	US 3 465 780 A (JACOBUS HENRICUS DUYMELINCK ET AL) 9 September 1969 (1969-09-09) the whole document -----	1-25
A	US 6 460 560 B1 (WEINHEIMER JACEK M ET AL) 8 October 2002 (2002-10-08) the whole document -----	1,19,23

INTERNATIONAL SEARCH REPORT
Information on patent family members

Intern'l	Application No
PCT/GB2005/000899	

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 5601291	A	11-02-1997	CA	2171653 A1		30-09-1996
			CA	2171654 A1		30-09-1996
			US	5626346 A		06-05-1997
US 5655564	A	12-08-1997	US	5538035 A		23-07-1996
US 2003056823	A1	27-03-2003	NONE			
US 2701579	A	08-02-1955	NONE			
US 3465780	A	09-09-1969	NONE			
US 6460560	B1	08-10-2002	NONE			